

DERWENT-ACC-NO: 1999-621866

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TITLE: Catalyst comprising beta zeolite and promoter element for hydrocracking

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PATENT-ASSIGNEE: INST FRANCAIS DU PETROLE[INSF]

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 99088035 A	December 27, 1999	N/A	000	B01J 029/064
EP 955093 A1	November 10, 1999	F	018	B01J 029/48
FR 2778344 A1	November 12, 1999	N/A	000	B01J 023/883
FR 2778410 A1	November 12, 1999	N/A	000	C10G 047/20
JP 2000024506 A	January 25, 2000	N/A	012	B01J 029/076

A

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK N
L PT RO SE SI

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
KR 99088035A	N/A	1999KR-0015965	May 4, 1999
EP 955093A1	N/A	1999EP-0400975	April 21, 1999
FR 2778344A1	N/A	1998FR-0005736	May 6, 1998
FR 2778410A1	N/A	1998FR-0005737	May 6, 1998
JP2000024506A	N/A	1999JP-0126344	May 6, 1999

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B01J105:50 ; B01J105:80

ABSTRACTED-PUB-NO: EP 955093A

BASIC-ABSTRACT: NOVELTY - The catalyst has an activity and selectivity in hydrocracking greater than previous formulations based on a beta zeolite due to the presence of a promoter element in the matrix, chosen from boron (B), silicon (Si) and phosphorus (P).

DETAILED DESCRIPTION - The catalyst comprises a matrix, a beta zeolite, a hydro-dehydrogenating metal and a promoter element deposited in the matrix of the catalyst, comprising boron, silicon or phosphorus.

INDEPENDENT CLAIMS are also included for the preparation of the catalyst and its use in a hydrocracking process.

USE - The catalyst can be used for the conversion by hydrocracking of petro-

kerosenes, gasoils, vacuum gasoils, atmospheric residues and distillates, vacuum residues and distillates, heavy fuels, waxes, paraffins, used oils and deasphalted residues and crudes.

ADVANTAGE - The matrix of the catalyst is acidified without poisoning the activity of the hydrogenating phase or the cracking activity of the zeolite-based acidic phase.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS:

CATALYST COMPRISE BETA ZEOLITE PROMOTE ELEMENT HYDROCRACKING

DERWENT-CLASS: H04 J04

CPI-CODES: H04-B03; H04-F02B; J04-E04; N06-B;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1999-181762